



FORM P-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**
(Use several sheets if necessary)

Sheet 1 of 6

ATTORNEY DOCKET No.	SERIAL No.
03-0052 (8470-000016)	10/771,692
APPLICANT	
PARK, Edward H.	
FILING DATE	GROUP
February 4, 2004	3673

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	AP	2,710,290	6/7/1955	Safford et al.		
2.		2,927,908	3/8/1960	Konkle et al.		
3.		2002/0091205	7/11/2002	Brewer et al.		
4.		2002/0099142	7/25/2002	Faulkner		
5.		2002/0113066	8/22/2002	Stark et al.		
6.		2002/0198320	12/26/2002	Chmielewski et al.		
7.		2003/0026995	2/6/2003	Duchesne et al.		
8.		2003/0138655	7/24/2003	Watanabe et al.		
9.		2004/0183702	9/23/2004	Nachtigal et al.		1/20/2004
10.		2004/0260023	12/23/2004	Park et al.		6/17/2003
11.		2005/0171282	8/4/2005	Park		2/4/2004
12.		2005/0272872	12/8/2005	Park		7/15/2003
13.		2005/0275565	12/15/2005	Nachtigal et al.		4/28/2003
14.		2005/0288434	12/29/2005	Sugiura et al.		3/27/2003
15.		3,037,954	6/5/1962	Gessler et al.		
16.		3,538,028	11/3/1970	Morgan		
17.		3,787,341	1/22/1974	Aron		
18.		4,035,565	7/12/1977	Apotheker et al.		
19.		4,202,555	5/13/1980	Becker et al.		
20.		4,287,320	9/1/1981	Kolb		
21.	AP	4,311,628	1/19/1982	Abdou-Sabet et al.		

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Sheet 2 of 6

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U.S. PATENT DOCUMENTS

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22.	AP	4,328,140	5/4/1982	Singletary et al.		
23.		4,386,170	5/31/1983	Monroe		
24.		4,419,499	12/6/1983	Coran et al.		
25.		4,450,263	5/22/1984	West		
26.		4,530,881	7/23/1985	Santoso et al		
27.		4,553,761	11/19/1985	Blesing et al.		
28.		4,572,516	2/25/1986	Symons et al.		
29.		4,596,855	6/24/1986	Stewart		
30.		4,624,978	11/25/1986	Frayar		
31.		4,656,228	4/7/1987	Richter et al.		
32.		4,696,976	9/29/1987	Ellerbe III et al.		
33.		4,696,989	9/29/1987	Oka et al.		
34.		4,787,991	11/29/1988	Morozumi et al.		
35.		5,018,749	5/28/1991	Forch		
36.		5,095,072	3/10/1992	Kobayashi et al.		
37.		5,217,137	6/8/1993	Andrews		
38.		5,219,931	6/15/1993	Siol et al.		
39.		5,331,040	7/19/1994	Lee		
40.	↓	5,354,811	10/11/1994	Kamiya et al.		
41.	AP	5,370,404	12/6/1994	Klein et al.		

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
42.	AP	5,384,374	1/24/1995	Guerra et al.		
43.		5,397,832	3/14/1995	Ellul		
44.		5,427,387	6/27/1995	Johnston		
45.		5,548,028	8/20/1996	Tabb		
46.		5,585,152	12/17/1996	Tamura et al.		
47.		5,700,866	12/23/1997	Tabb		
48.		5,713,577	2/3/1998	Lannert et al.		
49.		5,723,544	3/3/1998	Lee		
50.		5,758,881	6/2/1998	Stanley		
51.		5,962,589	10/5/1999	Matsumoto et al.		
52.		6,066,697	5/23/2000	Coran et al.		
53.		6,147,158	11/14/2000	Chmielewski		
54.		6,162,385	12/19/2000	Grosse-Puppendahl et al.		
55.		6,310,141	10/30/2001	Chen et al.		
56.		6,312,639	11/6/2001	Ertle et al.		
57.		6,407,174	6/18/2002	Ouhadi		
58.		6,409,177	6/25/2002	Johnston		
59.		6,410,630	6/25/2002	Hoover et al.		
60.	↓	6,429,249	8/6/2002	Chen et al.		
61.	AP	6,437,030	8/20/2002	Coran et al.		

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62.	AP	6,500,374	12/31/2002	Akioka et al.		
63.		6,624,251	9/23/2003	Chmielewski		
64.		6,649,217	11/18/2003	Gust		
65.		6,656,831	12/2/2003	Lee et al.		
66.		6,663,966	12/16/2003	Mhetar		
67.		6,729,624	5/4/2004	Johnston		2/20/2001
68.		6,774,171	8/10/2004	Kassa et al.		1/9/2003
69.		6,860,486	3/1/2005	Hacker et al.		11/5/2002
70.	↓	6,872,325	3/29/2005	Bandyopadhyay et al.		9/9/2002
71.	AP	7,098,270	8/29/2006	Hochgesang et al.		9/10/2002

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	AP	JP 2001-336679	12/7/2001	Japan		Abstract	
2.	AP	JP 62-236841	10/16/1987	Japan		Abstract	
3.	AP	JP 05-186606	7/27/1993	Japan		Abstract	
4.	AP	JP 2000-079928	3/21/2000	Japan		Abstract	
5.	AP	JP 58-032655	2/25/1983	Japan		Abstract	
6.	AP	JP 62-011767	1/20/1987	Japan		Abstract	
7.	AP	WO 00/11073	3/2/2000	WIPO		N/A	

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FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
8.	AP	WO 01/98405	12/27/2001	WIPO		N/A	
9.		WO 01/48077	7/5/2001	WIPO		N/A	
10.		WO 02/070929	9/12/2002	WIPO		N/A	
11.		EP 0148719	7/17/1985	EPO		N/A	
12.		EP 0168020	10/18/1989	EPO		N/A	
13.		EP 0239707	10/7/1987	EPO		Abstract	
14.		EP 0254307	12/27/1991	EPO		N/A	
15.		EP 0304843	3/3/1993	EPO		N/A	
16.		EP 0356619	3/7/1990	EPO		Abstract	
17.		EP 0431325	6/12/1991	EPO		Abstract	
18.		EP 0432911	6/19/1991	EPO		N/A	
19.		EP 0681113	11/8/1995	EPO		N/A	
20.		EP 0714944	6/5/1996	EPO		Abstract	
21.		EP 1046841	10/25/2000	EPO		Abstract	
22.	AP	EP 1209203	5/29/2002	EPO		N/A	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	AP	"Fluorine-Containing Polymers" Encyclopedia of Polymer Science & Engineering, Vol. 7, Second Edition (1987). (Pages 256-267).

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2.	AP	"Polyurethanes" Encyclopedia of Polymer Science & Engineering, Vol. 13, Second Edition (Date Unknown). (Pages 274-278).
3.		Webpage: "Dyneon™ Fluorothermoplastics" Accessed from 3M Manufacturing and Industrial and Downloaded May 8, 2003. (2 pages).
4.		"Viton® Fluoroelastomer, A Product of DuPont Dow Elastomers", Technical Information, DuPont Dow Elastomers, Copyright 1988.
5.		"AFLAST™ The Fluoroelastomer," Asahi Glass Company, Product Information, April 11, 2003. (8 pages).
6.		Webpage: "Tetrafluoroethylene-Propylene Rubber, Date Unknown. (3 pages).
7.		Schmiegell, Walter W., "A Review of Recent Progress in the Design and Reactions of Base-Resistant Fluoroelastomers", DuPont Dow Elastomers, IRC, July 2003.
8.		Moore, Michael J. "Silanes as Rubber-to-Metal Bonding Agents," 160th Meeting of the Rubber Division, American Chemical Society, Cleveland, Ohio, Paper No. 105, (2001). (17 pages).
9.		Viton® Fluoroelastomer: Viton Extreme ETP-600S Technical Information (Formerly designated VTR-8710), DuPont Dow Elastomers (Date Unknown). (6 pages).
10.		Material Safety Data Sheet "DuPont™ TPV 60A01 and 80A01", C.S. Wong, (September 18, 2001). (9 pages).
11.		DuPont "Grades for Customer Evaluation" - TPV 60A and TPV 80A." (3 pages).
12.	✓	Solvay Solexis: "Product Data Sheet: Tecnoflon FPA 1" available at www.solvaysolexis.com . Copyright 2003. (2 pages).
13.	AP	Sasol: Sasol Olefins and Surfactants available at www.sasoltechdata.com . (20 pages).

Examiner:	/Alison Pickard/	Date Considered:	02/14/2007
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1.	AP	2002/0122928	9/5/2002	Botrie et al.		
2.		2005/0281973	12/22/2005	Park		
3.		2006/0004126	1/5/2006	Park et al.		
4.		2006/0142467	6/29/2006	Park		
5.		2006/0142491	6/29/2006	Park		
6.		2006/0142492	6/29/2006	Park		
7.		2006/0148954	7/6/2006	Park et al.		
8.		4,451,542	5/29/1984	Ishida et al.		
9.		6,054,537	4/25/2000	Shimizu et al.		
10.		6,114,441	9/5/2000	Spohn et al.		
11.	AP	7,087,679	8/8/2006	Shimizu et al.		

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